IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Video Conference
Manufacturer: Aethra
Firmware Version: N/A
Model(s): AVC 500

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
2	11/14/2012	1.5.1	3.3.2	Added Power state to IR Remote command.
1	10/23/2012	1.5.1	3.3.2	Initial version.

Driver Notes:

This driver includes the following features:

- Volume Optimization
- Dialing Feedback

Dialing Configuration:

The Keypad is configured to display the digits on the field located at the top of the page. When the desired number is entered press the Call button, which is bound with the Phone - Call command, and that will connect you with the number you entered.

The Delete button will delete the last number displayed on the touch panel and is configured with the press/repeat functionality. The Clear button will clear all numbers entered.

The Label on the top of the page, “Please enter a number and press Call”, can be configured in GUI Configurator with an ID range of 50000-50020 and with the Dynamic text parameter enabled.

Control Commands & States:

Camera Preset Recall (Far)	1-16		
Camera Preset Recall (Near)	1-16		
Camera Preset Save (Far)	1-16		
Camera Preset Save (Near)	1-16	1	2
Dial Keypad	0-9	.	*
	#	Delete	Clear
Dynamic Text ID	50000-50020		
Focus (Far)	Far	Near	Stop
Focus (Near)	Far	Near	Stop
Input (Far)	Input 1-8		
Input (Near)	Input 1-8		
IR Remote Emulation	0-9	*	#
	Home	?	Call
	Disconnect	Phonebook	Slide
	Send	Main	Doc Camera
	VCR Camera	View	Self
	PIP	Up	Down
	Right	Left	OK
	Memo	Select	Auto
	Loc	REM	D. Zoom -
	D. Zoom +	Video Privacy	Volume Down
	Volume Up	Mute	Power
Menu Navigation	Up	Down	Left
	Right	Enter	Home
Pan-Tilt (Far)	Up	Down	Left
	Right	Stop	
Pan-Tilt (Near)	Up	Down	Left

	Right	Stop	
Phone Call	Call	Answer	Hang Up
PIP Mode	On	Off	
PIP Position	Upper Left	Upper Right	Bottom Left
	Bottom Right	Off	
Selfview	On	Off	
Transmit Mute	On	Off	
Video Privacy	On	Off	
Volume (Discrete)	-44 to 20 in steps of 1		
Volume (Step)	Up	Down	
Zoom (Far)	In	Out	Stop
Zoom (Near)	In	Out	Stop

Status Available:

Call Status	Connected	Ringing	Not In Call
	Status Unavailable		
Connection Status	Connected	Disconnected	
Input (Far)	Input 1-8		
Input (Near)	Input 1-8		
Phone Call	Call	Answer	Hang Up
PIP Mode	On	Off	
PIP Position	Upper Left	Upper Right	Bottom Left
	Bottom Right	Off	
Selfview	On	Off	
Transmit Mute	On	Off	
Video Privacy	On	Off	
Volume (Discrete)	-44 to 20 in steps of 1		

MLC60 Series Supported Commands:

Camera Preset Recall (Far)	1-16		
Camera Preset Recall (Near)	1-16		
Camera Preset Save (Far)	1-16		
Camera Preset Save (Near)	1-16	1	2
Dial Keypad	0-9	#	*
Focus (Far)	Far	Near	Stop
Focus (Near)	Far	Near	Stop
Input (Far)	Input 1-8		
Input (Near)	Input 1-8		
IR Remote Emulation	0-9	*	#
	Home	?	Call
	Disconnect	Phonebook	Slide
	Send	Main	Doc Camera
	VCR Camera	View	Self
	PIP	Up	Down
	Right	Left	OK
	Memo	Select	Auto
	Loc	REM	D. Zoom -
	D. Zoom +	Video Privacy	Volume Down
	Volume Up	Mute	Power
Menu Navigation	Up	Down	Left
	Right	Enter	Home
Pan-Tilt (Far)	Up	Down	Left
	Right	Stop	
Pan-Tilt (Near)	Up	Down	Left
	Right	Stop	
PIP Mode	On	Off	

PIP Position	Upper Left Bottom Right	Upper Right Off	Bottom Left
Selfview	On	Off	
Transmit Mute	On	Off	
Video Privacy	On	Off	
Volume (Discrete)	-44 to 20 in steps of 1		
Volume (Step)	Up	Down	
Zoom (Far)	In	Out	Stop
Zoom (Near)	In	Out	Stop

Cable and Adapter Requirements:

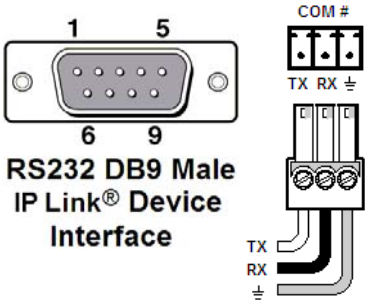
Mini-Din 8-pin with DB9 adapter.

Notes for the Device:

Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	9600	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram:



Please contact the manufacturer for information on pin assignments.

Note: Captive screw connector may also be used as a serial connection.

General Notes: